A.W. Suhre
Gale Albatt
J.W.G.

Water Conservation

11/2/73

110483
154038

		Equip.	Install
B.A.F. #2	1 - Generator only	~ 30,000	
	2. Bal. in Water Conservation (incl. chiller)		

TM

New Water Tower across tracks - W. of Center Bldg

Mach. Shop Comp.

B.B. - & BAF #3 + T.M. Compressors

elim. old towers on roof @ S end of mill (move tower to foundry)

BAF #5 Elim. wall water heat exchange

Bldg 80 - Pick up compressors - hyd. systems - No. 20 D.B. - Piercing Mill

Elim. well water fire drops in T.M.

Investigate water useage on N side low line track (? future PVC install.).

No. 5 D.C. Billet - Elim. once thru water

Bldg. 19 Keep overflow to sewer to min.

P.M. on emergency water system to moulds.

Clean up water in closed circuit thru moulds.

C03447

Anode Casting

Investigate pH flow from quencher elbow - #4AF.

What runs into sewer thru Tank house Basement into pond?

Until such time as a total system is put in — install 3 - 8" valves on boshes

Observe overflow from 70' tank into pond.

Coordinate w/ slimes a regular removal of sludge from tanks - continue pumping w/ periodic movement of suction head.

Install raking mechanism to condition pond as reservoir for bosh ~~emt~~ quenching water.

Memo

TO: GALE ALBATT DATE 10-9-73

SUBJECT: BILL GRAFF'S "HOLDOVER" JOBS

FROM THE DESK OF:

PAUL TANDLER

PLEASE LOOK THESE OVER AND ADD ANY APPLICABLE WORK TO YOUR LIST. MOST OF THIS APPEARS TO BE FIELD ITEMS — AND SOME MAY BE STALE BY NOW. RETURN LIST TO ME WITH MARGIN NOTES ON DISPOSITION.

C03449

1)

W.G. GRAFF TO J.W.G.

11/10/72

12/16/72
cc: P Tandler

THINGS TO BE DONE.

FINISHED

~~1 - INSTALL COUPLING AND VALVE ON 8" WELL WATER LINE TO BOSH TANKS FOR ANNUAL FLOW MEASUREMENT.~~

2 - REPAIR OR REPLACE RECYCLE TANK DRAIN LINE TO SETTLING TANK AT MAERZ. FURNACE

3 - MAKE SKETCH OF ATMOSPHERIC RECEIVING TANK FOR #3 PACKAGE BOILER SO THAT A NEW PUMP CAN BE ORDERED WHICH WILL DRAW OIL FROM THIS TANK AND RETURN THE EXCESS FROM THE BURNER TO THE TANK.

C03450

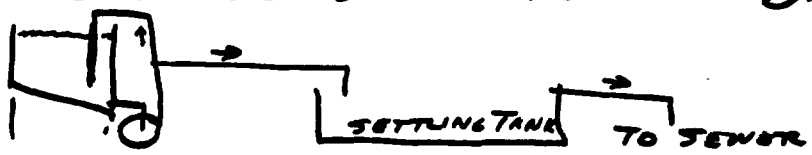
4 - PROVIDE A LARGER RECYCLE TANK FOR THE PEABOD SCRUBBER OR ADD AN ADDITIONAL TANK CONNECTED TO THE PRESENT RECYCLE TANK SO THAT WHEN THE PUMP IS TURNED OFF THE WATER CARRIED IN THE BOTTOM OF THE SCRUBBER DOES NOT DRAIN DOWN AND OVERFLOW THE RECYCLE TANK..

Clogging is still a problem. I think the build-up is excessive and a larger settling tank, possibly recycling the discharge, should be evaluated.

5 - THE LARGE 3" DRAIN VALVE ON THE MAERZ RECYCLE TANK CONTROLLING WATER TO THE SETTLING TANK HAS A TENDENCY TO STOP UP WHEN THE VALVE IS THROTTLED TO THE

2)

DESIRED FLOW. I'VE TRIED PUTTING AN ORIFICE APPROX 1" DIA. IN THE LINE (O) AND OPENING THE VALVE BUT AFTER A WHILE THIS STOPS-UP ALSO. I BELIEVE THE BEST WAY TO KEEP THIS BLEED AT THE PROPER RATE, APPROX 15 GPM, IS TO USE A PUMP ON THE DRAIN AND RETURN THE EXCESS OVER 15 GPM BACK TO THE TANK



AFTER TREATMENT PART OF THE WATER NOW SENT TO THE SEWER COULD BE RE-USED AS MAKE-UP.

6 - LAYNE WESTERN WAS GOING TO TEST #6 DEEP WELL BUT APPARENTLY WE DID NOT TELL THEM WHEN THE BOSH TANK WOULD NOT REQUIRE WELL WATER — THAT IS WHICH MONDAY WE WOULD NOT BE CASTING. THIS SHOULD BE DONE AND AFTER THE DRAW DOWN TEST OUR WELLS SHOULD BE TREATED. THE #5 D. WELL PUMP SHOULD BE WITH DRAWN AND REPAIRED.

C03451

This will be changed when installed.

May not be correct action!

7 - THE BLDG 19 CASTING PIT PUMP DISCHARGE SHOULD BE RE-CONNECTED TO THE COOLING TOWER LINE INSTEAD OF TO THE HOT WELL. USING THIS PUMP WOULD TAKE 1/2 THE LOAD OFF THE

3)

HOT WELL PUMPS. (CONSTR. REQUEST HAS BEEN WRITTEN)

? 8 - REPLACE THE VALVE MECHANISM ON THE TOP OF THE WATER SOFTENER FOR THE AIRCO BOILER ON THE MAERZ OXYGEN SYSTEM

9 - THE DEGREASER STILL IS PRESENTLY CONNECTED TEMPORARILY TO THE CONDENSATE RETURN TANK WITH A RUBBER HOSE THIS SHOULD BE CHANGED TO COPPER TUBE.

apparently complete.

10 - THERE IS NO FLAPPER IN THE CHECK VALVE AT THE #6 DEEP WELL. A NEW CHECK VALVE WAS ORDERED & RECEIVED LAST WEEK BUT FOUND TO BE DEFECTIVE. THE DEFECTIVE VALVE WAS RETURNED TO DONOVAN ON 11/3 ON SEND OUT 1825. INSTALLATION SHOULD BE MADE WHEN RECEIVED.

~~11 - PROVIDE PERMANENT LADDERS TO PLATFORMS ON ANODE & MAERZ STACKS.~~

? 12 - FINISH INSTALLING PLATFORM ON TOP OF ANODE 3 DUST CHAMBER. FOR BY PASS STACK TESTING.

C03452